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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/314,957	05/20/1999	JUNICHI IIDA	P17946	5848

7055 7590 11/26/2003

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1950 ROLAND CLARKE PLACE  
RESTON, VA 20191

EXAMINER
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POKRZYWA, JOSEPH R

ART UNIT	PAPER NUMBER
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2622

DATE MAILED: 11/26/2003

15

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/314,957

Applicant(s)

IIDA, JUNICHI

Examiner

Joseph R. Pokrzywa

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 28 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 20-30,32-43 and 45-52 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 20-30,32-43 and 45-52 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_ 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Response to Arguments*

1. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn. The examiner concedes that Sato *et al.* (U.S. Patent Number 6,230,189) is not an available reference as prior art, based on the effective filing date, being that of the claimed foreign priority date of September 29, 1998. However, upon conducting a subsequent search, a new reference was found, Ohta (U.S. Patent Number 6,396,848), being filed on September 23, 1998. A new rejection based on this reference follows.

### *Response to Amendment*

2. Applicant's amendment received on 10/28/03 has been entered and made of record. Currently, **claims 20-30, 32-43, and 45-52** are pending.

### *Claim Objections*

3. The objection to **claim 33**, as cited in the Office action dated 8/12/03, is overcome by the changes set forth in the amendment.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claims 20-30, 32-43, and 45-52** are rejected under 35 U.S.C. 103(a) as being unpatentable over Ohta (U.S. Patent Number 6,396,848) in view of Mochizuki (U.S. Patent Number 6,101,526, cited in the Office action dated 8/12/03).

Regarding **claim 20**, Ohta discloses a communication apparatus (network facsimile apparatus 2, see Figs. 1 and 2) including a scanner and a printer (29 and 28) connected to a terminal apparatus (client terminal 4a) via a network (network facility 5), with the communication apparatus (2) comprising a receiver that receives e-mail data via the network (column 7, lines 16 through 21, and column 12, lines 10 through 33), a memory that stores the e-mail data received by the receiver (hard disk drive unit 25, column 7, lines 11 through 25), a generator that generates a HTML file including management data corresponding to the stored e-mail data (column 11, lines 8 through 17, and column 12, line 50 through column 13, line 28), and a communicator that performs a HTTP protocol communication (column 11, lines 18 through 40) with the terminal apparatus to transmit the HTML file to the terminal apparatus when a request for the management data is received from the terminal apparatus (column 18, lines 20 through 64), the management data in the HTML file being displayable at the terminal apparatus (column 18, lines 10 through 57), wherein, when management data is designated at the

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terminal apparatus, the communicator transmits e-mail data corresponding to the designated management data to the terminal apparatus (column 18, line 20 through column 20, line 9).

However, Ohta fails to particularly teach if the management data including sender data of the e-mail data. Mochizuki discloses a communication apparatus (see Fig. 1, being apparatus 22, seen in Fig. 2, and referenced as apparatus b, column 3, lines 21 through 28) including a scanner and a printer (image input unit 18 and image output unit 19, column 3, lines 12 through 16, and column 8, lines 52 through 56) connected to a terminal apparatus (23 or 24) via a network (see Fig. 2), with the communication apparatus (22) comprising a receiver that receives e-mail data (see Figs. 3 and 4, column 4, line 43 through column 5, line 25), a memory that stores the e-mail data received by the receiver (storage unit 14, column 4, line 33 through column 5, line 25), a generator that generates a HTML file including management data corresponding to the stored e-mail data (steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4, column 4, line 39 through column 6, line 15), the management data including sender data of the e-mail data (column 5, lines 39 through 48), and a communicator that performs a HTTP protocol communication (column 4, lines 47 through 60) with the terminal apparatus to transmit the HTML file to the terminal apparatus when a request for the management data is received from the terminal apparatus (column 4, line 39 through column 6, line 15, steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4), the management data in the HTML file being displayable at the terminal apparatus (column 5, line 35 through column 6, line 15), wherein, when management data is designated at the terminal apparatus, the communicator transmits e-mail data corresponding to the designated management data to the terminal apparatus (see Figs. 4 and 5, steps S114-S119 and steps S123-S125, column 6, line 8 through column 7, line 59). Therefore, it would have been

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obvious to a person of ordinary skill in the art at the time the invention was made to include the teachings of Mochizuki in the system of Ohta. Ohta's system would easily be modified to incorporate Mochizuki's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 21*, Ohta and Mochizuki disclose the apparatus discussed above in claim 20, and Ohta further teaches that the memory stores a plurality of e-mail data, and the generator generates a list of management data (column 7, lines 11 through 19, and column 12, line 50 through column 13, line 8).

Regarding *claim 22*, Ohta and Mochizuki disclose the apparatus discussed above in claim 20, and Ohta further teaches that the memory stores a TIFF file attached to the e-mail data (column 12, line 50 through column 13, line 28).

Regarding *claim 23*, Ohta and Mochizuki disclose the apparatus discussed above in claim 20, and Ohta further teaches that the management data includes at least a time at which the e-mail data corresponding to the management data is stored in the memory (see Figs. 7 and 9).

Regarding *claim 24*, Ohta and Mochizuki disclose the apparatus discussed above in claim 20, and Mochizuki further teaches that the sender data comprises an origination address (column 5, lines 39 through 48). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the teachings of Mochizuki in the system of Ohta. Ohta's system would easily be modified to incorporate Mochizuki's teachings, as the systems share cumulative features, being additive in nature.

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Regarding **claim 25**, Ohta and Mochizuki disclose the apparatus discussed above in claim 20, and Ohta further teaches that the terminal apparatus comprises a personal computer with a display (column 18, lines 52 through 57, and column 19, line 65 through column 20, line 9).

Regarding **claim 26**, Ohta and Mochizuki disclose the apparatus discussed above in claim 20, and Ohta teaches that the scanner (29) scans a document to obtain image data (column 7, lines 39 through 58, and column 11, lines 47 through 65), with the apparatus further comprising a compressor that compresses the image data (encoding/decoding unit 30, column 7, lines 48 through 52), and a facsimile transmitter that transmits the compressed image data to a destination via a telephone network (column 11, lines 47 through 65).

Regarding **claim 27**, Ohta and Mochizuki disclose the apparatus discussed above in claim 20, and Ohta further teaches of a facsimile receiver that receives facsimile data via a telephone network (column 11, line 66 through column 12, line 9), and a converter that converts the received facsimile data into a TIFF file (column 15, lines 2 through 33), wherein the memory stores the TIFF file (column 12, line 50 through column 13, line 28), and the generator generates management data corresponding to the TIFF file as a structured document (column 13, lines 9 through 57).

Regarding **claim 28**, Ohta and Mochizuki disclose the apparatus discussed above in claim 27, and Ohta further teaches of a determining section that determines whether the data was received via the network or the telephone network (step S101 in Fig. 10 and step S201 in Fig. 11, column 7, line 26 through column 8, line 18, column 14, line 64 through column 15, line 7, and column 15, lines 56 through 67).

Regarding *claim 29*, Ohta and Mochizuki disclose the apparatus discussed above in claim 20, and Ohta further teaches that the generator assigns a specific number to each management data, the specific number being utilized to identify each management data (see Figs. 7 and 9, column 13, lines 9 through 40).

Regarding *claim 30*, Ohta discloses a communication apparatus (network facsimile apparatus 2, see Figs. 1 and 2) including a scanner and a printer (29 and 28) connected to a terminal apparatus (client terminal 4a) via a network (network facility 5), with the communication apparatus (2) comprising a receiver that receives e-mail data via the network (column 7, lines 16 through 21, and column 12, lines 10 through 33), a memory that stores the e-mail data received by the receiver (hard disk drive unit 25, column 7, lines 11 through 25), a generator that generates a HTML file including management data corresponding to the stored e-mail data (column 11, lines 8 through 17, and column 12, line 50 through column 13, line 28), a communicator that performs a HTTP protocol communication (column 11, lines 18 through 40) with the terminal apparatus to transmit the HTML file to the terminal apparatus when a request for the management data is received from the terminal apparatus (column 18, lines 20 through 64), the management data in the HTML file being displayable at the terminal apparatus (column 18, lines 10 through 57), and a controller that, in response to receipt of a designation of management data by the terminal apparatus, and in response to receipt of a command output by the terminal apparatus (column 18, line 58 through column 19, line 14), controls a transmission of the stored e-mail data corresponding to the designated management data in accordance with the command (column 18, line 20 through column 20, line 9).



However, Ohta fails to particularly teach if the management data including sender data of the e-mail data. Mochizuki discloses a communication apparatus (see Fig. 1, being apparatus 22, seen in Fig. 2, and referenced as apparatus b, column 3, lines 21 through 28) including a scanner and a printer (image input unit 18 and image output unit 19, column 3, lines 12 through 16, and column 8, lines 52 through 56) connected to a terminal apparatus (23 or 24) via a network (see Fig. 2), with the communication apparatus (22) comprising a receiver that receives e-mail data (see Figs. 3 and 4, column 4, line 43 through column 5, line 25), a memory that stores the e-mail data received by the receiver (storage unit 14, column 4, line 33 through column 5, line 25), a generator that generates a HTML file including management data corresponding to the stored e-mail data (steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4, column 4, line 39 through column 6, line 15), the management data including sender data of the e-mail data (column 5, lines 39 through 48), a communicator that performs a HTTP protocol communication (column 4, lines 47 through 60) with the terminal apparatus to transmit the HTML file to the terminal apparatus when a request for the management data is received from the terminal apparatus (column 4, line 39 through column 6, line 15, steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4), the management data in the HTML file being displayable at the terminal apparatus (column 5, line 35 through column 6, line 15), and a controller that, in response to receipt of a designation of management data by the terminal apparatus, and in response to receipt of a command output by the terminal apparatus, controls a transmission of the stored e-mail data corresponding to the designated management data in accordance with the command (see Figs. 4 and 5, steps S114-S119 and steps S123-S125, column 6, line 8 through column 7, line 59). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the

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invention was made to include the teachings of Mochizuki in the system of Ohta. Ohta's system would easily be modified to incorporate Mochizuki's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 32*, Ohta and Mochizuki disclose the apparatus discussed above in claim 30, and Mochizuki further teaches of a converter that converts the stored e-mail data into image data (column 4, lines 5 through 46, and column 5, lines 4 through 10), wherein the printer (image output unit 19) prints the converted image data (column 7, lines 46 through 59), and wherein the controller controls printing of the converted e-mail data in accordance with the command from the terminal apparatus (column 7, lines 6 through 62). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the further teachings of Mochizuki in the system of Ohta. Ohta's system would easily be modified to incorporate Mochizuki's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 33*, Ohta discloses a communication method using a communication apparatus (network facsimile apparatus 2, see Figs. 1 and 2) including a scanner and a printer (29 and 28) connected to a terminal apparatus (client terminal 4a) via a network (network facility 5), with the method comprising receiving e-mail data via the network (column 7, lines 16 through 21, and column 12, lines 10 through 33), storing the received e-mail data into a memory (hard disk drive unit 25, column 7, lines 11 through 25), generating a HTML file including management data corresponding to the stored e-mail data (column 11, lines 8 through 17, and column 12, line 50 through column 13, line 28), and performing a HTTP protocol communication (column 11, lines 18 through 40) with the terminal apparatus to transmit the

HTML file to the terminal apparatus when a request for the management data is received from the terminal apparatus (column 18, lines 20 through 64), the management data in the HTML file being displayable at the terminal apparatus (column 18, lines 10 through 57), wherein, when management data is designated at the terminal apparatus, e-mail data corresponding to the designated management data is transmitted to the terminal apparatus (column 18, line 20 through column 20, line 9).

However, Ohta fails to particularly teach if the management data including sender data of the e-mail data. Mochizuki discloses a communication method using a communication apparatus (see Fig. 1, being apparatus 22, seen in Fig. 2, and referenced as apparatus b, column 3, lines 21 through 28) including a scanner and a printer (image input unit 18 and image output unit 19, column 3, lines 12 through 16, and column 8, lines 52 through 56) connected to a terminal apparatus (23 or 24) via a network (see Fig. 2), with the method comprising receiving e-mail data (see Figs. 3 and 4, column 4, line 43 through column 5, line 25), storing the received e-mail into a memory (storage unit 14, column 4, line 33 through column 5, line 25), generating a HTML file including management data corresponding to the stored e-mail data (steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4, column 4, line 39 through column 6, line 15), the management data including sender data of the e-mail data (column 5, lines 39 through 48), and performing a HTTP protocol communication (column 4, lines 47 through 60) with the terminal apparatus to transmit the HTML file to the terminal apparatus when a request for the management data is received from the terminal apparatus (column 4, line 39 through column 6, line 15, steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4), the management data in the HTML file being displayable at the terminal apparatus (column 5, line 35 through column 6, line 15), wherein,

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when management data is designated at the terminal apparatus, e-mail data corresponding to the designated management data is transmitted to the terminal apparatus (see Figs. 4 and 5, steps S114-S119 and steps S123-S125, column 6, line 8 through column 7, line 59). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the teachings of Mochizuki in the system of Ohta. Ohta's system would easily be modified to incorporate Mochizuki's teachings, as the systems share cumulative features, being additive in nature.

Regarding **claim 34**, Ohta and Mochizuki disclose the method discussed above in claim 33, and Ohta further teaches that the storing stores a plurality of e-mail data into the memory, and the generating generates a list of management data (column 7, lines 11 through 19, and column 12, line 50 through column 13, line 8).

Regarding **claim 35**, Ohta and Mochizuki disclose the method discussed above in claim 33, and Ohta further teaches that the storing stores a TIFF file attached to the e-mail data (column 12, line 50 through column 13, line 28).

Regarding **claim 36**, Ohta and Mochizuki disclose the method discussed above in claim 33, and Ohta further teaches that generating the HTML file including the management data includes generating at least a time at which the e-mail data corresponding to the management data is stored in the memory (see Figs. 7 and 9).

Regarding **claim 37**, Ohta and Mochizuki disclose the method discussed above in claim 33, and Mochizuki further teaches that the sender data comprises an origination address (column 5, lines 39 through 48). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the teachings of Mochizuki in the system of

Ohta. Ohta's system would easily be modified to incorporate Mochizuki's teachings, as the systems share cumulative features, being additive in nature.

Regarding **claim 38**, Ohta and Mochizuki disclose the method discussed above in claim 33, and Ohta further teaches that the terminal apparatus comprises a personal computer with a display (column 18, lines 52 through 57, and column 19, line 65 through column 20, line 9).

Regarding **claim 39**, Ohta and Mochizuki disclose the method discussed above in claim 33, and Ohta teaches of scanning a document to obtain image data (column 7, lines 39 through 58, and column 11, lines 47 through 65), compressing the image data (via encoding/decoding unit 30, column 7, lines 48 through 52), and transmitting the compressed image data to a destination via a telephone network (column 11, lines 47 through 65).

Regarding **claim 40**, Ohta and Mochizuki disclose the method discussed above in claim 33, and Ohta further teaches of receiving facsimile data via a telephone network (column 11, line 66 through column 12, line 9), and converting the received facsimile data into a TIFF file (column 15, lines 2 through 33), wherein the TIFF file is stored into the memory (column 12, line 50 through column 13, line 28), and management data corresponding to the TIFF file is generated as a structured document (column 13, lines 9 through 57).

Regarding **claim 41**, Ohta and Mochizuki disclose the method discussed above in claim 40, and Ohta further teaches of determining whether the data was received via the network or via a telephone network (step S101 in Fig. 10 and step S201 in Fig. 11, column 7, line 26 through column 8, line 18, column 14, line 64 through column 15, line 7, and column 15, lines 56 through 67).

Regarding *claim 42*, Ohta and Mochizuki disclose the method discussed above in claim 33, and Ohta further teaches of assigning a specific number to each management data, the specific number being utilized to identify each management data (see Figs. 7 and 9, column 13, lines 9 through 40).

Regarding *claim 43*, Ohta discloses a communication method using a communication apparatus (network facsimile apparatus 2, see Figs. 1 and 2) including a scanner and a printer (29 and 28) connected to a terminal apparatus (client terminal 4a) via a network (network facility 5), with the method comprising receiving e-mail data via the network (column 7, lines 16 through 21, and column 12, lines 10 through 33), storing the received e-mail data into a memory (hard disk drive unit 25, column 7, lines 11 through 25), generating a HTML file including management data corresponding to the stored e-mail data (column 11, lines 8 through 17, and column 12, line 50 through column 13, line 28), performing a HTTP protocol communication (column 11, lines 18 through 40) with the terminal apparatus to transmit the HTML file to the terminal apparatus when a request for the management data is received from the terminal apparatus (column 18, lines 20 through 64), the management data in the HTML file being displayable at the terminal apparatus (column 18, lines 10 through 57), controlling, in response to receipt of a designation of management data by the terminal apparatus and in response to receipt of a command output by the terminal apparatus (column 18, line 58 through column 19, line 14), transmission of the stored e-mail data corresponding to the designated management data in accordance with the command (column 18, line 20 through column 20, line 9).

However, Ohta fails to particularly teach if the management data including sender data of the e-mail data. Mochizuki discloses a communication method using a communication apparatus

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(see Fig. 1, being apparatus 22, seen in Fig. 2, and referenced as apparatus b, column 3, lines 21 through 28) including a scanner and a printer (image input unit 18 and image output unit 19, column 3, lines 12 through 16, and column 8, lines 52 through 56) connected to a terminal apparatus (23 or 24) via a network (see Fig. 2), with the method comprising receiving e-mail data (see Figs. 3 and 4, column 4, line 43 through column 5, line 25), storing the received e-mail data into a memory (storage unit 14, column 4, line 33 through column 5, line 25), generating a HTML file including management data corresponding to the stored e-mail data (steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4, column 4, line 39 through column 6, line 15), the management data including sender data of the e-mail data (column 5, lines 39 through 48), performing a HTTP protocol communication (column 4, lines 47 through 60) with the terminal apparatus to transmit the HTML file to the terminal apparatus when a request for the management data is received from the terminal apparatus (column 4, line 39 through column 6, line 15, steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4), the management data in the HTML file being displayable at the terminal apparatus (column 5, line 35 through column 6, line 15), and controlling, in response to receipt of a designation of management data by the terminal apparatus, and in response to receipt of a command output by the terminal apparatus, transmission of the stored e-mail data corresponding to the designated management data in accordance with the command (see Figs. 4 and 5, steps S114-S119 and steps S123-S125, column 6, line 8 through column 7, line 59). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the teachings of Mochizuki in the system of Ohta. Ohta's system would easily be modified to incorporate Mochizuki's teachings, as the systems share cumulative features, being additive in nature.

Regarding **claim 45**, Ohta and Mochizuki disclose the method discussed above in claim 43, and Mochizuki further teaches of converting the stored e-mail data into image data (column 4, lines 5 through 46, and column 5, lines 4 through 10), and printing the converted image data (column 7, lines 46 through 59), wherein the converted e-mail data is printed in accordance with the command from the terminal apparatus (column 7, lines 6 through 62). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the teachings of Mochizuki in the system of Ohta. Ohta's system would easily be modified to incorporate Mochizuki's teachings, as the systems share cumulative features, being additive in nature.

Regarding **claim 46**, Ohta and Mochizuki disclose the apparatus discussed above in claim 30, and Mochizuki further teaches that the terminal apparatus displays command menu together with the management data (see Fig. 4, column 5, line 49 through column 6, line 59). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the teachings of Mochizuki in the system of Ohta. Ohta's system would easily be modified to incorporate Mochizuki's teachings, as the systems share cumulative features, being additive in nature.

Regarding **claim 47**, Ohta and Mochizuki disclose the apparatus discussed above in claim 46, and Mochizuki further teaches that the terminal apparatus displays a plurality of commands including at least a transmission command and a printing command, the stored e-mail being controlled by selection of one of the commands (see Fig. 4, column 5, line 49 through column 6, line 59). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the teachings of Mochizuki in the system of Ohta. Ohta's



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system would easily be modified to incorporate Mochizuki's teachings, as the systems share cumulative features, being additive in nature.

Regarding **claim 48**, Ohta and Mochizuki disclose the apparatus discussed above in claim 20, and Mochizuki further teaches that the memory is configured to store a plurality of e-mail data (column 4, lines 16 through 62), the HTML file including management data for each of the plurality of stored e-mail data (column 4, line 39 through column 5, line 34), and the communicator transmitting a selected one of the plurality of e-mail data to the terminal apparatus, in response to a designation of a corresponding management data (column 6, lines 8 through 59). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the teachings of Mochizuki in the system of Ohta. Ohta's system would easily be modified to incorporate Mochizuki's teachings, as the systems share cumulative features, being additive in nature.

Regarding **claim 49**, Ohta and Mochizuki disclose the apparatus discussed above in claim 20, and Ohta further teaches of the management data associating the HTML file with the stored e-mail data (column 12, line 50 through column 13, line 28).

Regarding **claim 50**, Ohta and Mochizuki disclose the apparatus discussed above in claim 30, and Ohta further teaches of the management data associating the HTML file with the stored e-mail data (column 12, line 50 through column 13, line 28).

Regarding **claim 51**, Ohta and Mochizuki disclose the method discussed above in claim 33, and Ohta further teaches of the management data associating the HTML file with the stored e-mail data (column 12, line 50 through column 13, line 28).

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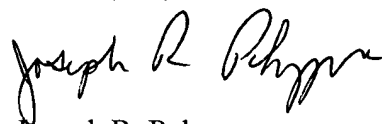
Regarding *claim 52*, Ohta and Mochizuki disclose the method discussed above in claim 43, and Ohta further teaches of the management data associating the HTML file with the stored e-mail data (column 12, line 50 through column 13, line 28).

### ***Conclusion***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joe Pokrzywa whose telephone number is (703) 305-0146. The examiner can normally be reached on Monday-Friday, 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (703) 305-4712. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.



Joseph R. Pokrzywa  
Examiner  
Art Unit 2622

jrp



EDWARD COLES  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600